

4. PROJECT SUMMARY

SNC Reference Number (enter if previously assigned) 080040

PROJECT SUMMARY

County: Sierra; and portions of Plumas, Butte, Yuba, and Nevada

Applicant: California Department of Toxic Substances Control (DTSC)

Project Title: Abandoned Mine Lands Watershed Assessment Model: North and Middle Yuba Rivers

PROJECT GOAL

The goal of the project is to develop and implement a model process for determining the nature and extent of Abandoned Mine Land (AML) site problems and their existing and potential impact on water quality within Sierra Nevada watersheds and provide this information and these tools to the public and other stakeholders.

PROJECT SCOPE

AML sites will be investigated to determine potential impacts on water quality. Subsequently, existing water quality impacts to surface water and groundwater and aquatic biota from the sites will be assessed. A report will be prepared that summarizes the findings, provides a basis for prioritization of site remediation efforts, and provides guidance for local and regional agencies to effectively mitigate and prevent water quality impacts and protect public health. The investigations will be conducted within the watersheds of the North and Middle Yuba Rivers. The project draws on the results of past studies and the findings and procedures of the investigation model can be applied throughout the Sierra Nevada Region.

DTSC, Department of Conservation, Office of Mine Reclamation (DOC), U.S. Geological Survey (USGS), and U.S. Department of Agriculture, Forest Service (USFS) are partnering to conduct this work. All are primary investigators regarding AML sites. The grant partners will also collaborate with the other interested stakeholders including the water agencies, Water Boards, county environmental and planning agencies and community groups. Data gathered will be shared via a website that will be developed and through meetings with stakeholders and the public.

Each of the partners will provide some in-kind services to the project in the form of staffing and/or equipment.

LETTERS OF SUPPORT

DOC, USGS, USFS, Sierra County Human Services - Health Department, Yuba County Community Development and Services Agency, Nevada County Environmental Health Department, Yuba County Water Agency, The Sierra Fund, Friends of Deer Creek, South Yuba River Citizens League, California Indian Environmental Alliance, and Tsi-Akim Maidu Tribe.

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Phase I - Initial Site Assessment Field Sampling Plan.	05/09
Phase I Report of Findings	12/09
Phase II - Water Assessment Field Sampling Plan	05/10
Phase II Report of Findings	12/10
Final Report - includes recommendations and guidance	06/11
Stakeholders & community meetings to report findings	12/11
AML database modified & database website established	12/11
Semi- Annual Project Status Reports to SNC	06/09 - 12/11
Final Project Report to SNC	02/12

SNC PROJECT COST

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Phase I - Initial Site Assessment Field Sampling Plan	\$20,000
Implementation of Phase I	\$88,000
Laboratory Analysis - Phase I	\$65,000
Phase II - Water Assessment Field Sampling Plan	\$17,000
Implementation of Phase II	\$60,000
Laboratory Analysis - Phase II	\$92,000
Final Report- includes recommendations and guidance	\$65,000
Stakeholders and community meetings	\$25,000
AML database modified & database website established	\$65,000
Performance measures and reporting to SNC	\$3,000
SNC GRANT TOTAL	\$500,000